# 309 U.S. Customs Manifest(Receipt Of Booking)

**Functional Group ID=SO**

## Introduction:

This Standard contains the format and establishes the data contents of the U.S. Customs Manifest Transaction Set (309) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, terminal operators, port authorities, or service centers to provide U.S. Customs with manifest data on cargo arriving in or departing from the U.S. on oceangoing vessels, railroad trains, or other types of conveyances. The transaction set can be also used by carriers to provide terminal operators, port authorities, or service centers with manifest data on cargo arriving at their facilities via the conveyances mentioned above.

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| M | 001 | ISA | Interchange Control Header | M | 1 | | |
| M | 002 | GS | Functional Group Header | M | 1 | | |
| M | 010 | ST | Transaction Set Header | M | 1 | | |
| M | 020 | M10 | Manifest Identifying Information | M | 1 | | |
| | | | LOOP ID - P4 | | | 20 | |
| M | 040 | P4 | U.S. Port Information | M | 1 | | |
| | | | LOOP ID - LX | | | 9999 | |
| M | 060 | LX | Assigned Number | M | 1 | | |
| Not Used | 070 | M13 | Manifest Amendment Details | O | 1 | | |
| Must Use | 080 | M11 | Manifest Bill of Lading Details | O | 1 | | |
| Must Use | 085 | N9 | Reference Identification | O | 999 | | |
| | | | LOOP ID - N1 | | | 5 | |
| Not Used | 100 | N1 | Name | O | 1 | | |
| Not Used | 110 | N3 | Address Information | O | 2 | | |
| Not Used | 120 | N4 | Geographic Location | O | 1 | | |
| Not Used | 123 | DTM | Date/Time Reference | O | 1 | | |
| Not Used | 125 | PER | Administrative Communications Contact | O | 1 | | |
| | | | LOOP ID - M12 | | | 1 | |
| Not Used | 130 | M12 | In-bond Identifying Information | O | 1 | | |
| Not Used | 135 | P5 | Port Information | O | 5 | | |
| | | | LOOP ID - VID | | | 999 | |
| Not Used | 150 | VID | Conveyance Identification | O | 1 | | |
| Not Used | 155 | VC | Motor Vehicle Control | O | 21 | | |
| | | | LOOP ID - N10 | | | 999 | |
| Not Used | 160 | N10 | Quantity and Description | O | 1 | | |
| | | | LOOP ID - H1 | | | 10 | |
| Not Used | 165 | H1 | Hazardous Material | O | 1 | | |
| Not Used | 166 | H2 | Additional Hazardous Material Description | O | 99 | | |
| M | 200 | SE | Transaction Set Trailer | M | 1 | | |
| M | 210 | GE | Functional Group Trailer | M | 1 | | |
| M | 220 | IEA | Interchange Control Trailer | M | 1 | | |

**Segment:** **ISA** **Interchange Control Header**
**Position:** 001
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **ISA01** | **I01** | **Authorization Information Qualifier**<br>Code to identify the type of information in the Authorization Information<br>00 No Authorization Information Present (No Meaningful Information in I02) | **M ID 2/2** |
| **M** | **ISA02** | **I02** | **Authorization Information**<br>Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)<br>Provide spaces. | **M AN 10/10** |
| **M** | **ISA03** | **I03** | **Security Information Qualifier**<br>Code to identify the type of information in the Security Information<br>01 Password | **M ID 2/2** |
| **M** | **ISA04** | **I04** | **Security Information**<br>This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)<br>PASSWORD<br><br>A code representing the password agreed upon between Customs and the participant.<br><br>Equivalent Proprietary Element: ACR - Password. | **M AN 10/10** |
| **M** | **ISA05** | **I05** | **Interchange ID Qualifier**<br>Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified<br>02 SCAC (Standard Carrier Alpha Code) | **M ID 2/2** |
| **M** | **ISA06** | **I06** | **Interchange Sender ID**<br>Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element<br>USER CODE<br><br>The SCAC code representing the transmitter ID as a carrier or service center.<br><br>Equivalent Proprietary Element: ACR - User Code, ZCR - User Code. | **M AN 15/15** |
| **M** | **ISA07** | **I05** | **Interchange ID Qualifier**<br>Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified<br>U.S. Customs<br>ZZ Mutually Defined | **M ID 2/2** |
| **M** | **ISA08** | **I07** | **Interchange Receiver ID**<br>Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them | **M AN 15/15** |

| | | | | | |
|---|---|---|---|---|---|
| | | | Provide "USCSAES" for receiver's ID. | | |
| **M** | **ISA09** | **I08** | **Interchange Date** | **M** | **DT 6/6** |
| | | | Date of the interchange | | |
| | | | TRANSMISSION DATE<br><br>A date in YYMMDD (year, month, day) format representing the date of processing.<br><br>Equivalent Proprietary Element: ACR - Date. | | |
| **M** | **ISA10** | **I09** | **Interchange Time** | **M** | **TM 4/4** |
| | | | Time of the interchange | | |
| | | | TRANSMISSION TIME<br><br>Provide transmission time.<br><br>Equivalent Proprietary Element: ACR - Time. | | |
| | **ISA11** | **I10** | **Interchange Control Standards Identifier** | **O** | **ID 1/1** |
| | | | Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer | | |
| **M** | **ISA12** | **I11** | **Interchange Control Version Number** | **M** | **ID 5/5** |
| | | | This version number covers the interchange control segments | | |
| | | | Provide the version control number. | | |
| **M** | **ISA13** | **I12** | **Interchange Control Number** | **M** | **N0 9/9** |
| | | | A control number assigned by the interchange sender | | |
| | | | BATCH NUMBER<br><br>A Customs generated code used in conjunction with the date of transmission to uniquely identify a user transmission.<br><br>Equivalent Proprietary Element: ACR - Batch Number. | | |
| **X** | **ISA14** | **I13** | **Acknowledgment Requested** | **O** | **ID 1/1** |
| | | | Code sent by the sender to request an interchange acknowledgment (TA1) | | |
| **X** | **ISA15** | **I14** | **Usage Indicator** | **O** | **ID 1/1** |
| | | | Code to indicate whether data enclosed by this interchange envelope is test, production or information | | |
| **M** | **ISA16** | **I15** | **Component Element Separator** | **M** | **AN 1/1** |
| | | | Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator | | |

**Segment:** **GS** **Functional Group Header**
**Position:** 002
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the beginning of a functional group and to provide control information

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **M** | **GS01** | **479** | **Functional Identifier Code**<br>Code identifying a group of application related transaction sets<br>RO Ocean Booking Information (300, 301,303) | **M** | **ID 2/2** |
| **M** | **GS02** | **142** | **Application Sender's Code**<br>Code identifying party sending transmission; codes agreed to by trading partners<br>Provide SCAC code identifying party sending transmission. | **M** | **AN 2/15** |
| **M** | **GS03** | **124** | **Application Receiver's Code**<br>Code identifying party receiving transmission; codes agreed to by trading partners<br>Provide "USCSAES". | **M** | **AN 2/15** |
| **M** | **GS04** | **373** | **Date**<br>Date expressed as CCYYMMDD<br>Provide date "YYYYMMDD" of transmission. | **M** | **DT 8/8** |
| **M** | **GS05** | **337** | **Time**<br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)<br>Provide time of transmission. | **M** | **TM 4/8** |
| **M** | **GS06** | **28** | **Group Control Number**<br>Assigned number originated and maintained by the sender<br>Provide group number for batch default "000000001". | **M** | **N0 1/9** |
| **M** | **GS07** | **455** | **Responsible Agency Code**<br>Code used in conjunction with Data Element 480 to identify the issuer of the standard<br>X Accredited Standards Committee X12 | **M** | **ID 1/2** |
| **M** | **GS08** | **480** | **Version / Release / Industry Identifier Code**<br>Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed<br>004010 | **M** | **AN 1/12** |

**Segment:** **ST** **Transaction Set Header**
**Position:** 010
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **ST01** | **143** | **Transaction Set Identifier Code**<br>Code uniquely identifying a Transaction Set | **M ID 3/3** |
| **M** | **ST02** | **329** | **Transaction Set Control Number**<br>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | **M AN 4/9** |

**Segment:** **M10** **Manifest Identifying Information**
**Position:** 020
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To transmit manifest identifying information

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **M** | **M1001** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code<br>CARRIER CODE<br><br>A code representing the importing/exporting carrier. This is the Standard Carrier Alpha Code (SCAC) issued by the National Motor Freight Traffic Association Inc., 2200 Mill Road, Alexandria, VA 22310. For water carriers who own their containers, the SCAC is issued by the Intermodal Transportation Association, 6410 Kenilworth Ave., Suite 108, Riverdale, MD 20737.<br><br>Equivalent Proprietary Element: M01 - Carrier Code. | **M** | **ID 2/4** |
| **M** | **M1002** | **91** | **Transportation Method/Type Code**<br>Code specifying the method or type of transportation for the shipment<br>MODE OF TRANSPORTATION CODE<br><br>A code indicating the type of vessel used to carry the manifested cargo. Required for input to Customs.<br><br>Equivalent Proprietary Element: M01 - Mode of Transportation Code.<br>VE Vessel, Ocean | **M** | **ID 1/2** |
| **M** | **M1003** | **26** | **Country Code**<br>Code identifying the country<br>COUNTRY CODE<br><br>An International Standards Organization (ISO) code representing the flag of the vessel. Required for input to Customs.<br><br>Equivalent Proprietary Element: M01- Vessel Country Code. | **M** | **ID 2/3** |
| | **M1004** | **597** | **Vessel Code**<br>Code identifying vessel<br>CONVEYANCE CODE<br><br>The Lloyds of London registry code representing the exporting conveyance. This code is Mandatory if Vessel Name is not entered.<br><br>Equivalent Proprietary Element: M01 - Conveyance Code. | **X** | **ID 1/8** |
| | **M1005** | **182** | **Vessel Name**<br>Name of ship as documented in "Lloyd's Register of Ships"<br>VESSEL NAME<br><br>A valid vessel name. Mandatory if missing Vessel Code.<br><br>Equivalent Proprietary Element: M01 - Vessel Name. | **X** | **AN 2/28** |
| **M** | **M1006** | **55** | **Flight/Voyage Number**<br>Identifying designator for the particular flight or voyage on which the cargo | **M** | **AN 2/10** |

travels

VOYAGE NUMBER

The voyage number. Required for input to Customs. If not known, send Julian date.

Equivalent Proprietary Element: M01 - Voyage Number.

| | | | | | |
|---|---|---|---|---|---|
| | **M1007** | **127** | **Reference Identification** | **O** | **AN 1/30** |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |

SEQUENCE NUMBER

Optional, carrier assigned sequence number. The default is one (1). It may be a date. Once transmitted, it cannot be changed. All subsequent transmissions for the manifest must use the original manifest sequence number.

Equivalent Proprietary Element: M01 - Manifest Sequence Number.

| | | | | | |
|---|---|---|---|---|---|
| **M** | **M1008** | **380** | **Quantity** | **M** | **R 1/15** |
| | | | Numeric value of quantity | | |

TOTAL NUMBER OF BOOKINGS/BILLS OF LADING

Provide number of bills of lading/bookings in the manifest.

Equivalent Proprietary Element: M01 - Number of Bookings or Bills of Lading.

| | | | | | |
|---|---|---|---|---|---|
| **M** | **M1009** | **256** | **Manifest Type Code** | **M** | **ID 1/1** |
| | | | Code identifying the type of manifest transmitted | | |

APPLICATION IDENTIFIER

Equivalent Proprietary Element: ACR - Application Identifier

| | |
|---|---|
| D | Updating Export Manifest Prior to Vessel Departure From Carrier to U.S. Customs |
| E | Original Export Manifest from Carrier to U.S. Customs |
| P | Preliminary Manifest from Carrier to U.S. Customs |

| | | | | | |
|---|---|---|---|---|---|
| **X** | **M1010** | **897** | **Vessel Code Qualifier** | **X** | **ID 1/1** |
| | | | Code specifying vessel code source | | |
| **X** | **M1011** | **1073** | **Yes/No Condition or Response Code** | **O** | **ID 1/1** |
| | | | Code indicating a Yes or No condition or response | | |
| **X** | **M1012** | **127** | **Reference Identification** | **O** | **AN 1/30** |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |

**Segment:** **P4** **U.S. Port Information**
**Position:** 040
**Loop:** P4 Mandatory
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To transmit identifying information for a U.S. port

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **P401** | **310** | **Location Identifier**<br>Code which identifies a specific location<br>PORT OF LADING CODE<br><br>A code representing the U.S. Customs District/Port of lading. For listing of valid codes, use AESTIR Part III, Appendix D.<br><br>Equivalent Proprietary Element: P01 - U.S. Customs Port of Lading Code. | **M AN 1/30** |
| **M** | **P402** | **373** | **Date**<br>Date expressed as CCYYMMDD<br>ESTIMATED DATE OF DEPARTURE<br><br>A date in the YYYYMMDD format representing the scheduled date of departure from (for exports) or arrival at (for imports) this port.<br><br>Equivalent Proprietary Element: P01 - Estimated Date of Departure. | **M DT 8/8** |
| >> | **P403** | **380** | **Quantity**<br>Numeric value of quantity<br>NUMBER OF BOOKINGS/BILLS OF LADING FOR PORT<br><br>A value representing the total number of bookings or bills of lading/house bills transmitted for this Port.<br><br>Equivalent Proprietary Element: P01 - Number of Bookings or Bills of Lading for Port. | **O R 1/15** |
| **X** | **P404** | **310** | **Location Identifier**<br>Code which identifies a specific location | **O AN 1/30** |
| **X** | **P405** | **337** | **Time**<br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | **O TM 4/8** |

**Segment:** **LX** **Assigned Number**
**Position:** 060
**Loop:** LX Mandatory
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To reference a line number in a transaction set

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **LX01** | **554** | **Assigned Number**<br>Number assigned for differentiation within a transaction set<br>LOOP CONTROL NUMBER<br><br>Provide sender controlled number for the loop. | **M N0 1/6** |

**Segment:** **M11** **Manifest Bill of Lading Details**
**Position:** 080
**Loop:** LX Mandatory
**Level:**
**Usage:** Optional (Must Use)
**Max Use:** 1
**Purpose:** To transmit bill of lading detail information for a manifest

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **X** | **M1101** | **598** | **Bill of Lading/Waybill Number**<br>Identification number assigned to the shipment by the carrier or consolidator | **C** | **AN 1/12** |
| **X** | **M1102** | **310** | **Location Identifier**<br>Code which identifies a specific location | **C** | **AN 1/30** |
| **X** | **M1103** | **380** | **Quantity**<br>Numeric value of quantity | **C** | **R 1/15** |
| **X** | **M1104** | **599** | **Manifest Unit Code**<br>Code defining the smallest package unit for the bill of lading | **C** | **ID 1/3** |
| **X** | **M1105** | **81** | **Weight**<br>Numeric value of weight | **C** | **R 1/10** |
| **X** | **M1106** | **188** | **Weight Unit Code**<br>Code specifying the weight unit | **C** | **ID 1/1** |
| **X** | **M1107** | **183** | **Volume**<br>Value of volumetric measure | **X** | **R 1/8** |
| **X** | **M1108** | **184** | **Volume Unit Qualifier**<br>Code identifying the volume unit | **X** | **ID 1/1** |
| **X** | **M1109** | **582** | **Bill of Lading Type Code**<br>Code identifying the type of bill of lading<br>00 Neither Space Charter nor Master In-bond | **O** | **ID 2/2** |
| **X** | **M1110** | **600** | **Place of Receipt by Pre-carrier**<br>The city or country in which the pre-carrier took possession of the cargo | **O** | **AN 1/17** |
| **X** | **M1111** | **598** | **Bill of Lading/Waybill Number**<br>Identification number assigned to the shipment by the carrier or consolidator | **X** | **AN 1/12** |
| **M** | **M1112** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code<br>ISSUER CODE<br><br>A SCAC code of the issuer of the bookings.<br><br>Equivalent Proprietary Element: J01 - Carrier Master Booking/Bill of Lading Issuer Code. | **M** | **ID 2/4** |
| **X** | **M1113** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code | **X** | **ID 2/4** |
| **X** | **M1114** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code | **X** | **ID 2/4** |
| **X** | **M1115** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code | **X** | **ID 2/4** |
| **X** | **M1116** | **1302** | **Shipper's Export Declaration Requirements**<br>Code identifying which Shipper's Export Declaration (SED) requirements are being met | **O** | **AN 1/2** |
| **X** | **M1117** | **1578** | **Export Exception Code** | **O** | **ID 2/2** |

| | | | | | |
|---|---|---|---|---|---|
| | | | Code specifying why a Shipper's Export Declaration (SED) is not required | | |
| **X** | **M1118** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code | **O** | **ID 2/4** |
| **X** | **M1119** | **140** | **Standard Carrier Alpha Code**<br>Standard Carrier Alpha Code | **O** | **ID 2/4** |

**Segment:** **N9** **Reference Identification**
**Position:** 085
**Loop:** LX Mandatory
**Level:**
**Usage:** Optional (Must Use)
**Max Use:** 999
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **M** | **N901** | **128** | **Reference Identification Qualifier**<br>Code qualifying the Reference Identification<br>QUALIFIER<br><br>Control number qualifier.<br><br>Equivalent Proprietary Element: B02 - Qualifier.<br>BN Booking Number | **M** | **ID 2/3** |
| **M** | **N902** | **127** | **Reference Identification**<br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier<br>CONTROL NUMBER<br><br>The number representing the issuer-assigned control number that identifies the booking or house bill. The control number must be unique by vessel voyage.<br><br>Equivalent Proprietary Element: B02 - Control Number. | **M** | **AN 1/30** |
| **X** | **N903** | **369** | **Free-form Description**<br>Free-form descriptive text | **X** | **AN 1/45** |
| **X** | **N904** | **373** | **Date**<br>Date expressed as CCYYMMDD | **O** | **DT 8/8** |
| **X** | **N905** | **337** | **Time**<br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | **X** | **TM 4/8** |
| **X** | **N906** | **623** | **Time Code**<br>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | **O** | **ID 2/2** |
| **X** | **N907** | **C040** | **Reference Identifier**<br>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | **O** | |
| **X** | **C04001** | **128** | **Reference Identification Qualifier**<br>Code qualifying the Reference Identification | **O** | **ID 2/3** |
| **X** | **C04002** | **127** | **Reference Identification**<br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | **O** | **AN 1/30** |
| **X** | **C04003** | **128** | **Reference Identification Qualifier**<br>Code qualifying the Reference Identification | **X** | **ID 2/3** |
| **X** | **C04004** | **127** | **Reference Identification**<br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | **X** | **AN 1/30** |
| **X** | **C04005** | **128** | **Reference Identification Qualifier** | **X** | **ID 2/3** |

| | | | | | |
|---|---|---|---|---|---|
| | | | Code qualifying the Reference Identification | | |
| **X** | **C04006** | **127** | **Reference Identification**<br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | **X** | **AN 1/30** |

**Segment:** **SE** **Transaction Set Trailer**
**Position:** 200
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **M** | **SE01** | **96** | **Number of Included Segments**<br>Total number of segments included in a transaction set including ST and SE segments | **M N0 1/10** |
| **M** | **SE02** | **329** | **Transaction Set Control Number**<br>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | **M AN 4/9** |

**Segment:** **GE** **Functional Group Trailer**
**Position:** 210
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the end of a functional group and to provide control information

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **M** | **GE01** | **97** | **Number of Transaction Sets Included**<br>Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element | **M** | **N0 1/6** |
| **M** | **GE02** | **28** | **Group Control Number**<br>Assigned number originated and maintained by the sender | **M** | **N0 1/9** |

**Segment:** **IEA** **Interchange Control Trailer**
**Position:** 220
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **M** | **IEA01** | **I16** | **Number of Included Functional Groups**<br>A count of the number of functional groups included in an interchange | **M** | **N0 1/5** |
| **M** | **IEA02** | **I12** | **Interchange Control Number**<br>A control number assigned by the interchange sender | **M** | **N0 9/9** |